

PCR Kit Quality Control Certificate

Pathogen
<i>Yersinia enterocolitica</i>

Table 1: Concentration in ng/μL of the sample control and its dilutions.

	1	2	3	4	5	6	7	8	9
	1×10^{-1}	1×10^{-2}	1×10^{-3}	1×10^{-4}	1×10^{-5}	1×10^{-6}	1×10^{-7}	1×10^{-8}	1×10^{-9}
N° of copies	1×10^8	1×10^7	1×10^6	1×10^5	1×10^4	1×10^3	1×10^2	1×10^1	1×10^0

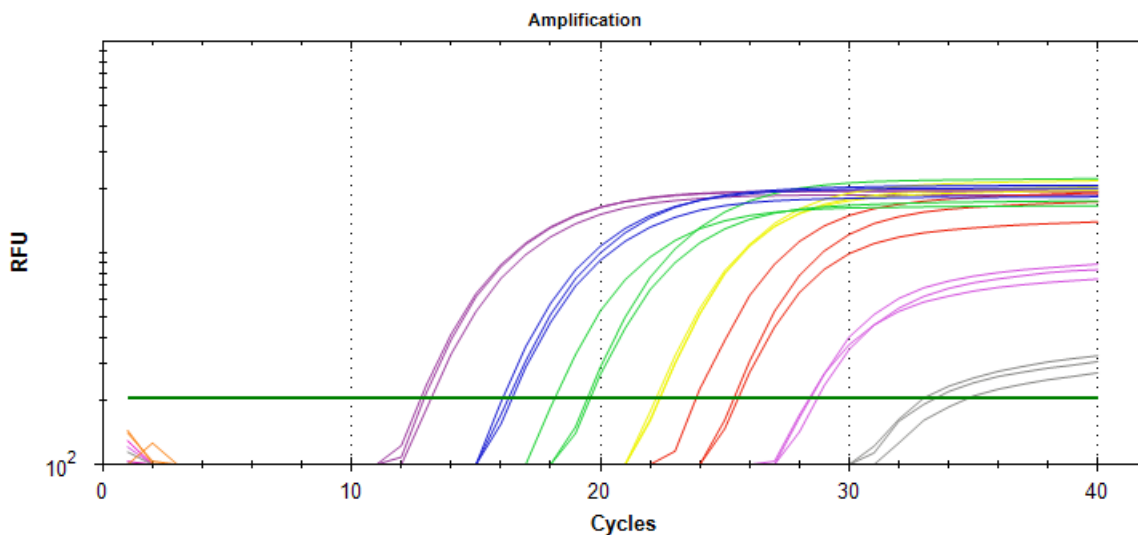


Figure 1: Logarithmic amplification curves for *Yersinia enterocolitica*

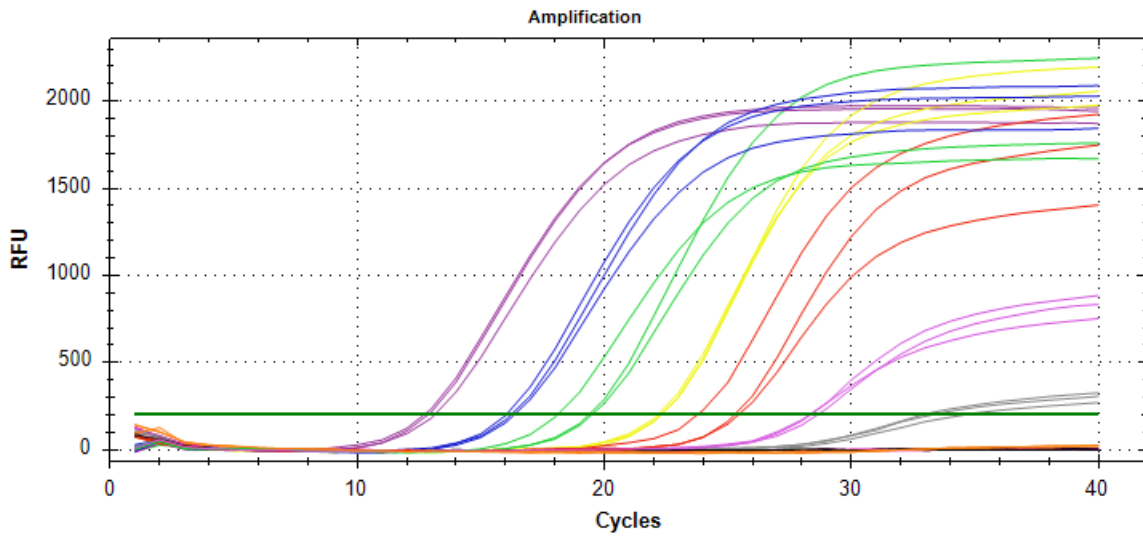


Figure 2: Standard amplification curves for *Yersinia enterocolitica*

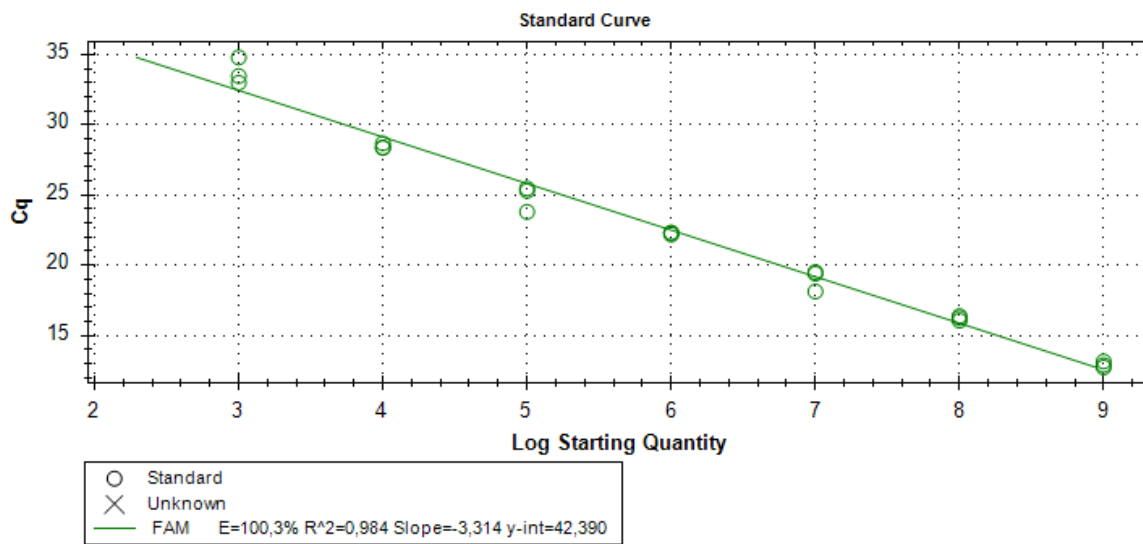


Figure 3: Standard curve for *Yersinia enterocolitica*

Pathogen
<i>Yersinia pseudotuberculosis</i>

Table 1: Concentration in ng/μL of the sample control and its dilutions.

	1	2	3	4	5	6	7	8	9
	1×10^{-1}	1×10^{-2}	1×10^{-3}	1×10^{-4}	1×10^{-5}	1×10^{-6}	1×10^{-7}	1×10^{-8}	1×10^{-9}
Nº of copies	1×10^8	1×10^7	1×10^6	1×10^5	1×10^4	1×10^3	1×10^2	1×10^1	1×10^0

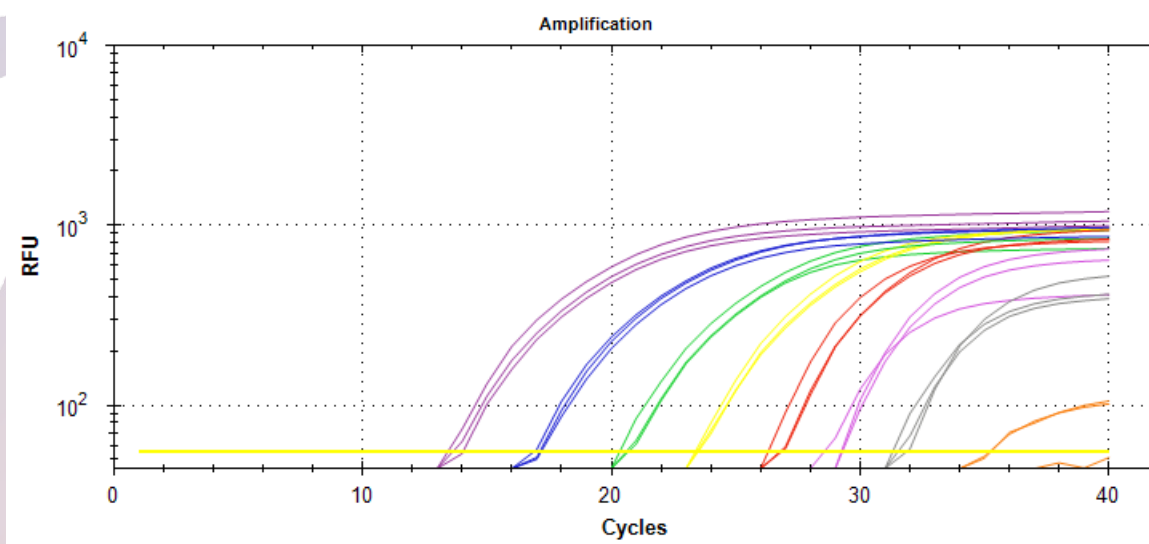


Figure 1: Logarithmic amplification curves for *Yersinia pseudotuberculosis*

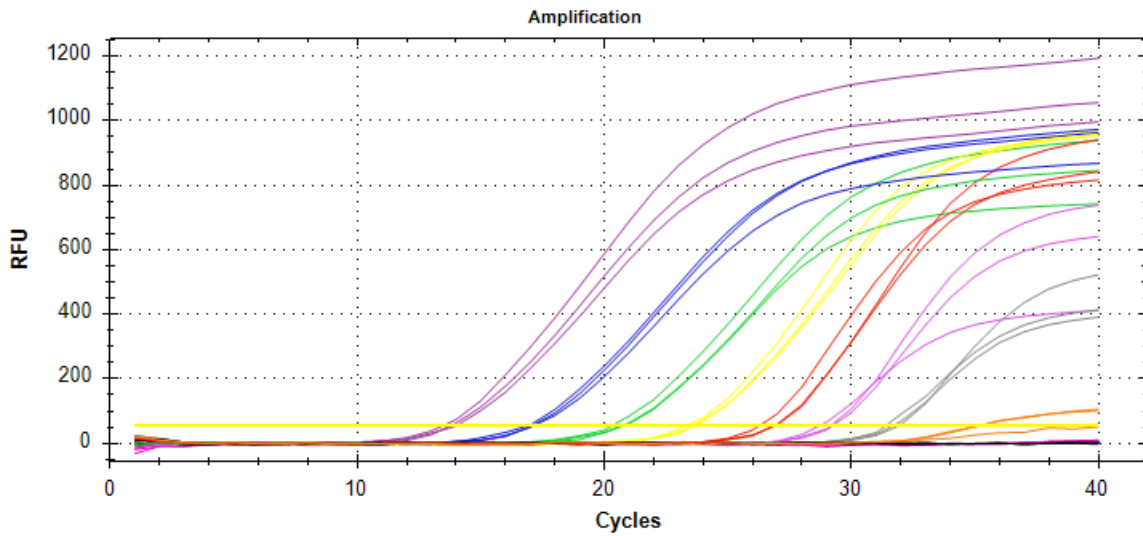


Figure 2: Standard amplification curves for *Yersinia pseudotuberculosis*

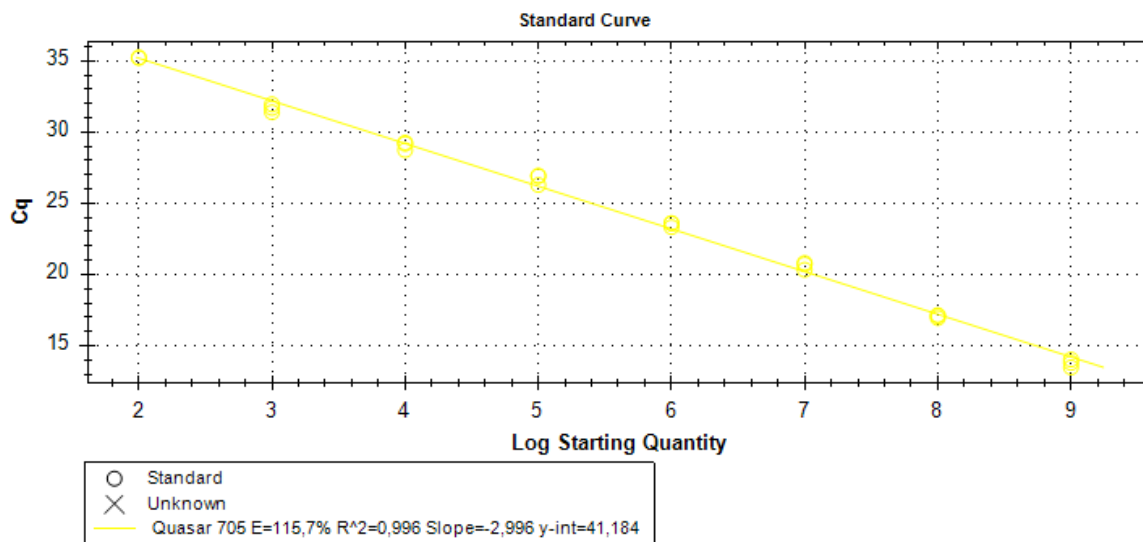


Figure 3: Standard curve for *Yersinia pseudotuberculosis*

Summary of Ct values

Table 2: Ct values obtained for each dilution of the sample control.

Target Name	Sample Name	Reporter	Ct values
<i>Yersinia enterocolitica</i>	1	FAM	14,12
	2	FAM	17,33
	3	FAM	20,74
	4	FAM	23,8
	5	FAM	26,97
	6	FAM	30,53
	7	FAM	33,82
	8	FAM	-
	Negative Control	FAM	Undetermined

Target Name	Sample Name	Reporter	Ct values
<i>Yersinia pseudotuberculosis</i>	1	CY5.5	14,04
	2	CY5.5	16,95
	3	CY5.5	20,72
	4	CY5.5	23,61
	5	CY5.5	26,91
	6	CY5.5	28,74
	7	CY5.5	31,96
	8	CY5.5	35,21
	Negative Control	CY5.5	Undetermined

Certificate validated by:

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Quality Control Managers